

WHAT IS CLAIMED IS:

1. An air bag door structure for an automobile comprising a skin layer for forming a surface of an instrument panel to form an incision groove for incising a bottom surface; a foam resin polymerized at the rear surface of the skin layer; a  
5 centerpiece, at which a core is contacted with the bottom surface and installed, provided with an air bag opening at an inner side of the foam resin; and an air bag door mounted in the air bag opening of the centerpiece,

wherein a flange portion bent toward the incision groove of the skin layer is formed at an end portion of the air bag door mounted on the air bag opening of the  
10 centerpiece, and a hemming part folded by bending the end portion of the flange portion to one side.

2. The air bag door structure for an automobile according to claim 1, wherein the hemming part is formed by bending it to the inside of the air bag door by a pressing  
15 process.

3. The air bag door structure for an automobile according to claim 1, wherein the air bag door forms a reinforcing part for strengthening of the air bag door since the height of the air bag door becomes larger due to the generation of a stepped stage as it  
20 moves toward a more central portion than where it is mounted on the air bag opening of the centerpiece.

4. The air bag door structure for an automobile according to claim 1, wherein a

bent length of the hemming part has a range of 2 to 6 mm.